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ABSTRACT

Average salary increases for 9,473 faculty in the field of mathematics are reported for 1984-1985 and 1987-1988, as part of the College and University Personnel Association's annual faculty salary studies. Included are comparative data for 160,596 faculty at 216 public colleges and 266 private colleges, representing 45 academic disciplines. In 1984, 205 public colleges and 245 private colleges reported on mathematics faculty salaries, while 208 public and 242 private colleges reported in 1987. In 1987-88, the faculty salary factor in this field was approximately 2% below the overall average faculty salary factor of the other 44 disciplines/major fields in the public colleges and 1% above in the private colleges. The average salary for the field in the private colleges was 5.3% higher than in the public colleges in 1984-85. In 1987-88, the average salary in the private colleges was 4.8% above the public colleges. Included is information on: the number of faculty by academic rank, including new assistant professors; salaries by academic rank; the ratio of average salaries to total salaries of all institutions in both years; comparisons with the Consumer Price Index of changes in cost-of-living for both years; and comparisons with 44 other disciplines. The disciplines and participating institutions are listed. (KM)

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SALARY TREND STUDY OF FACULTY IN MATHEMATICS FOR THE YEARS 1984-85 AND 1987-88

Since 1982-83 the College and University Personnel Association (CUPA) in Washington, D.C., in cooperation with Appalachian State University in Boone, North Carolina, has conducted annual national faculty salary studies by discipline and rank each year through 1987-88. Each year two separate studies are conducted, one for public senior colleges and universities which are members of the American Association of State Colleges and Universities (AASCU) in Washington, D.C., and the other for private senior colleges and universities. The list of private institutions is provided by the American Council on Education in Washington, D.C.

Salary data for each study were collected and tabulated for full-time teaching faculty in 44 selected academic disciplines including mathematics. The disciplines were chosen from among those defined by the Higher Education General Information Study (HEGIS) Taxonomy and by A Classification of Instructional Programs (CIP), 1985. The definition of the discipline/major field of mathematics in the CIP is as follows:

> A summary of groups of instructional programs that describe the sciences of logical symbolic language and their applications.*
>
> [*Gerald S. Malitz, A Classification of Instructional Programs (Washington, DC.: National Center for Education Statistics, [1985], p. 120.--27.]

This article presents a summary of the overall average salary increases in the discipline/major field of mathematics from the "baseline year" of 1984-85 to and including the "trend year" of 1987-88 for both public and private institutions. Of the 272 institutions which participated in CUPA's PUBLIC

ME 022 057

(AASCU) study of 1984-85, 216 also participated in 1987-88. Data from those same 216 institutions were used in both the baseline year and the trend year. Of the 451 institutions which participated in CUPA'S PRIVATE study of 1984-85, 266 also participated in 1987-88. Data from those same 266 institutions were used in both the baseline year and the trend year.

This study lists the average salaries in mathematics for both public and private participating institutions by rank, including "new assistant professor," and listing the FAC MIX PCT (faculty mix percentage) and the salary factor. In addition, comparisons are made with the CPI (Consumer Price Index) of changes in cost-of-living between the two studies for each of the two study years (1984-85 and 1987-88).

The CPI is based on prices of food, clothing, shelter and fuels, transportation, medical care, entertainment, and other goods and services that people buy for day-to-day living. In examining trends in faculty salary it is important to consider any changes in the economy. Thus, by comparing changes in faculty salaries with the CPI, a more precise representation of the "real" salary increases is yielded.

The salary is based on a nine- or ten-month academic year salary of full-time faculty only. Full-time faculty members are those who teach no less than 51 percent of the time. Salary for summer academic work, fringe benefits, and perquisites are not included in the salary data. The average salary displayed is computed from all faculty salaries reported for a given rank and discipline.

The "NUM" means the number of faculty members whose salaries were included to compute the average salary.

The "N/IN" means the number of institutions that reported salary data for a given academic rank and discipline/major field.

The FAC MIX PCT is the percentage of faculty in a given discipline/major field who hold a given academic rank. For example, a FAC MIX PCT factor of .31 for associate professor of mathematics in the 1984-85 public study means that 31 percent of the faculty in that discipline/major field hold the rank of associate professor.

The SALARY FACTOR for a given rank of a given discipline/major field is the ratio of the average salary to the total average salary of all institutions in each of the four studies: PUBLIC 1984-85, PUBLIC 1987-88, PRIVATE 1984-85 and PRIVATE 1987-88. For example, a SALARY FACTOR of 1.00 for assistant professors in the discipline/major field of mathematics in the 1984-85 public study means that their salaries were approximately the same as the average salary of all assistant professors in all institutions in that study.

NEW ASST PROF is the grouping of assistant professors who were hired for the first time in the fall of the study year (1984-85 or 1987-88). All information for this group was included in the ASST PROF group for reporting purposes. This group is used mainly for new hiring information.

ALL MAJOR FIELDS is the entire data base for all 45 disciplines/major fields in each of the four studies. It is used to compare, among other things, the discipline/major field of mathematics with the entire data base for each study.

Of particular import to the reader is noting the size of the sample on which each percentage or dollar value is based. The smaller the number in the group, the greater the effect of extreme scores on a descriptive statistic such as the average. It should be noted also that any large disparity in the sample sizes between the "baseline year" of 1984-85 and the "trend year" of 1987-88 will lessen the reliability and validity of any conclusions that one might make based on a simple comparison of averages.

	PROF			ASSO PROF			ASST PROF			NEW ASST PROF			INSTRUCTOR			ALL RANKS		
	SALARY	NUM	N/IN	SALARY	NUM	N/IN	SALARY	NUM	N/IN	SALARY	NUM	N/IN	SALARY	NUM	N/IN	SALARY	NUM	N/IN
PUBLIC, 1984-85:							MATHEMATICS											
AVERAGE SALARY:	35997	907	184	29738	932	181	24488	879	182	23487	138	85	18292	333	121	28836	3051	205
FAC MIX PCT:	0.30			0.31			0.29			0.05			0.11			1.00		
SALARY FACTOR:	1.01			1.02			1.00			1.00			0.93			0.99		
							ALL MAJOR FIELDS											
AVERAGE SALARY:	35583	16647		29260	15785		24372	13767		23563	1931		19711	4112		29234	50311	216
FAC MIX PCT:	0.33			0.31			0.27			0.04			0.08			1.00		
PUBLIC, 1987-88:							MATHEMATICS											
AVERAGE SALARY:	42782	970	189	34839	905	190	28807	917	191	28194	131	78	20786	338	118	34015	3130	208
FAC MIX PCT:	0.31			0.29			0.29			0.04			0.11			1.00		
SALARY FACTOR:	1.02			1.01			1.01			1.02			0.93			0.98		
							ALL MAJOR FIELDS											
AVERAGE SALARY:	42078	18029		34414	15437		28589	14226		27759	2245		22371	3878		34581	51570	216
FAC MIX PCT:	0.35			0.30			0.28			0.04			0.08			1.00		
PRIVATE, 1984-85:							MATHEMATICS											
AVERAGE SALARY:	40161	571	159	28833	488	176	23438	461	167	22907	84	61	18416	139	91	30359	1659	245
FAC MIX PCT:	0.34			0.29			0.28			0.05			0.08			1.00		
SALARY FACTOR:	1.05			0.99			0.99			0.99			0.97			1.02		
							ALL MAJOR FIELDS											
AVERAGE SALARY:	38304	9450		29006	8980		23612	8649		23044	1224		19015	1912		29769	28991	266
FAC MIX PCT:	0.33			0.31			0.30			0.04			0.07			1.00		
PRIVATE, 1987-88:							MATHEMATICS											
AVERAGE SALARY:	46578	581	166	33157	506	174	27519	446	174	26874	57	46	20933	100	69	35643	1633	242
FAC MIX PCT:	0.36			0.31			0.27			0.03			0.06			1.00		
SALARY FACTOR:	1.03			0.98			0.98			0.98			0.94			1.01		
							ALL MAJOR FIELDS											
AVERAGE SALARY:	45193	9944		33900	9299		27999	8810		27388	1322		22156	1671		35269	29724	266
FAC MIX PCT:	0.33			0.31			0.30			0.04			0.06			1.00		

RESULTS OF THE TWO PUBLIC (AASCU) STUDIES, 1984-85 AND 1987-88

In the PUBLIC 1984-85 salary study in the above table, the reader may note that the discipline/major field of mathematics was reported in 205 of the 216 public (AASCU) institutions. The average salary of the 3,051 faculty was $28,836. This average salary was approximately 1 percent (0.99) lower than the average salary of $29,234 for all 50,311 faculty in ALL MAJOR FIELDS in the 1984-85 public study.

In the PUBLIC 1987-88 salary study in the above table, the discipline/major field of mathematics was reported in 208 of the same 216 public (AASCU) institutions. The average salary of the 3,130 faculty was $34,015. This average salary was 2 percent lower (0.98) than the average salary of $34,581 for all 51,570 faculty in ALL MAJOR FIELDS in the 1987-88 public study.

The increase in average salaries for all faculty in mathematics after three years in the public institutions studied was 18.0 percent ($34,015 minus $28,836 equals $5,179). The CPI of increased cost-of-living between October 1984 and October 1987 was 9.5 percent. A more realistic increase, therefore, in average faculty salaries over the three-year time period is 8.5 percent or an average of 2.8 percent each year above the cost-of-living.

The increase in average salaries for all faculty in ALL MAJOR FIELDS after three years in the public institutions studied was 18.3 percent ($34,581 minus $29,234 equals $5,347). In comparison to the discipline/major field of mathematics (18.0%), therefore, the faculty in ALL MAJOR FIELDS increased their salaries by 0.3 percent (18.3% minus 18.0% equals 0.3%) more than faculty in the discipline/major field of mathematics.

The reader may note that the faculty mix percentages in mathematics are about the same at the professor rank as at the assistant professor rank for both of the public studies. The faculty mix percentages of professor and

assistant professor in mathematics are 0.30 and 0.29 (1984-85) respectively; and 0.31 and 0.29 (1987-88) respectively. The differences in the ranks of professor and assistant professor in ALL MAJOR FIELDS for both public studies are 0.33 and 0.27 (1984-85) and 0.35 and 0.28 (1987-88) respectively. In other words ALL MAJOR FIELDS has a higher percentage of full professors and a lower percentage of assistant professors when compared to mathematics faculty in both public studies.

Finally, the hiring rate of new assistant professors in mathematics is higher in the 1984-85 public study compared to ALL MAJOR FIELDS: 4.5 percent (138/3,051) vs. 3.8 percent (1,931/50,311), respectively. However, the hiring rate of new assistant professors in mathematics in 1987-88 was 4.2 percent (131/3,130) vs. 4.4 percent (2,245/51,570) in ALL MAJOR FIELDS. In other words the hiring rate of new assistant professors in mathematics was greater than for ALL MAJOR FIELDS in the 1984-85 public study, but currently (1987-88) is slightly less than that for ALL MAJOR FIELDS.

RESULTS OF THE TWO PRIVATE STUDIES, 1984-85 AND 1987-88

In the PRIVATE 1984-85 salary study in the above table, the reader may note that the discipline/major field of mathematics was reported in 245 of the 266 private institutions. The average salary of the 1,659 faculty was $30,359. This average salary was approximately 2 percent (1.02) higher than the average salary of $29,769 for all 28,991 faculty in ALL MAJOR FIELDS in the 1984-85 private study.

In the PRIVATE 1987-88 salary study in the above table, the major field of mathematics was reported in 242 of the same 266 private institutions. The average salary of the 1,633 faculty was $35,634. This average salary was approximately 1 percent (1.01) higher than the average of $35,269 for all 29,724 faculty in ALL MAJOR FIELDS in the 1987-88 private study.

The increase in average salaries for all faculty in mathematics after three years in the private institutions studied was 17.4 percent ($35,643 minus $30,359 equals $5,284). The CPI of increased cost-of-living between October 1984 and October 1987 was 9.5 percent. A more realistic increase, therefore, in average faculty salaries over the three-year time period is 7.9 percent or 2.6 percent each year above the cost-of-living.

The increase in average salaries for all faculty in ALL MAJOR FIELDS after three years in the private institutions studied was 18.5 percent ($35,269 minus $29,769 equals $5,500). In comparison to the discipline/major field of mathematics (17.4%), therefore, the faculty in ALL MAJOR FIELDS increased their salaries by 1.1 percent (18.5% minus 17.4% equals 1.1%) more than faculty in the discipline/major field of mathematics.

The faculty mix percentage rate at the professor rank is higher than the assistant professor rank in the private studies: 0.34 vs. 0.28 (1984-85), and 0.36 vs. 0.27 (1987-88), respectively. The same is true for ALL MAJOR FIELDS: 0.33 vs. 0.30 (1984-85) and 0.33 vs. 0.30 (1987-88), respectively.

Finally, the reader may note that the hiring rate of new assistant professors in mathematics in the 1984-85 private study was somewhat greater than the hiring rate in ALL MAJOR FIELDS: 5.1 percent (84/1,659) vs. 4.2 percent (1,224/28,991), respectively; whereas in 1987-88, it was lower: 3.5 percent (57/1,633) vs. 4.4 percent (1,322/29,724), respectively. In other words, in the private institutions the hiring rate in the discipline/major field of mathematics was greater than for ALL MAJOR FIELDS in 1984-85, but by 1987-88, it was less.

CONCLUDING REMARKS

This article presented salary-trend information on the academic discipline/major field of mathematics and compared that information with 44 other academic disciplines/major fields over a period of three years: the "baseline year" of 1984-85 through the "trend year" of 1987-88. Two studies, one for public (AASCU) institutions, and the other for private institutions were conducted for the baseline year and for the trend year--a total of four studies. A total of 9,473 faculty in the discipline/major field of mathematics participated and were included in the overall total of 160,596 faculty in all 45 disciplines/major fields in all four studies. The same 216 public (AASCU) institutions and the same 266 private institutions in the United States participated in the baseline year and the trend year.

Although many interpolations and extrapolations of the data may be made, a few of the more important ones are as follows. First, the faculty salary factor in the discipline/major field of mathematics is currently (1987-88) some 2 percent below the overall average faculty salary of the other 44 disciplines/major fields in the public study and 1 percent above in the private study. The average faculty salary for mathematics in the private institutions was 5.3 percent higher in comparison to that in the public institutions in 1984-85. The average faculty salary in the private institutions is now (1987-88) 4.8 percent above that for the public institutions.

Second, the CPI of October 1987, in comparison to the CPI of October 1984, indicates that the faculty in mathematics, in both the public and private institutions, received overall salary increases for three years above the cost-of-living. Mathematics faculty salary increases in the public and private institutions lagged behind faculty salaries in ALL MAJOR FIELDS during this same period. Mathematics faculty in the public institutions have some catching

up to do in salary in comparison with faculty in ALL MAJOR FIELDS.

Third, in the discipline/major field of mathematics, the assistant professor rank has a lower percentage of faculty compared to the full professor rank in both the public and private institutions. The full professor rank appears to be increasing more rapidly in the private institutions in comparison to the public institutions. It seems a smaller percentage of new assistant professors are being hired in the private institutions compared to the public institutions.

Now that a rather significant data base on individual faculty member salaries has been developed, it is anticipated that additional salary-trend studies will be effected in mathematics, and in other disciplines/major fields, on an annual basis.

Richard D. Howe is the originator and director of the annual CUPA faculty salary studies. He is a professor of leadership and higher education, and history at Appalachian State University, Boone, North Carolina. Co-author Maryon Urquhart a research analyst in the Office of Equal Opportunity Programs at Appalachian State University, Boone, North Carolina.

APPENDICES:

A - OVERALL LIST OF SELECTED DISCIPLINES, page 10
B - LIST OF PUBLIC Participating Institutions, page 11
C - LIST OF PRIVATE Participating Institutions, page 14

APPENDIX A

OVERALL LIST OF SELECTED DISCIPLINES

ACCOUNTING

AGRIBUSINESS AND AGRICULTURAL PRODUCTION

ANTHROPOLOGY

ARCHITECTURE AND ENVIRONMENTAL DESIGN

AREA AND ETHNIC STUDIES

AUDIOLOGY AND SPEECH PATHOLOGY

BUSINESS AND MANAGEMENT

BUSINESS ADMINISTRATION AND MANAGEMENT

BUSINESS ECONOMICS

CHEMISTRY

COMMUNICATIONS TECHNOLOGIES

COMMUNICATIONS

COMPUTER AND INFORMATION SCIENCES

CURRICULUM AND INSTRUCTION

DRAMATIC ARTS

EDUCATION

EDUCATION ADMINISTRATION

ENGINEERING

FINE ARTS

FOREIGN LANGUAGES

GEOGRAPHY

GEOLOGICAL SCIENCES

HISTORY

HOME ECONOMICS

LETTERS

LIBRARY AND ARCHIVAL SCIENCES

LIFE SCIENCES

MATHEMATICS

MULTI-INTERDISCIPLINARY STUDIES

MUSIC

NURSING

PHILOSOPHY AND RELIGION

PHYSICAL EDUCATION

PHYSICAL SCIENCES

PHYSICS

POLITICAL SCIENCE AND GOVERNMENT

PSYCHOLOGY

READING EDUCATION

SECRETARIAL AND RELATED PROGRAMS

SOCIAL SCIENCES

SOCIOLOGY

SPECIAL EDUCATION

STUDENT COUNSELING AND PERSONNEL SERVICES

TEACHER EDUCATION, GENERAL PROGRAMS

VISUAL AND PERFORMING ARTS

TOTAL: 45

APPENDIX B

CUPA Public (AASCU) Faculty Salary-Trend Studies: 1984-85 and 1987-88

Institutions Participating in Both Studies:

Adams State College (CO)
Alabama State University (AL)
Albany State College (GA)
Angelo State University (TX)
Appalachian State University (NC)
Arkansas State University (AR)
Arkansas Tech University (AR)
Armstrong State College (GA)
Auburn University at Montgomery (AL)
Augusta College (GA)
Black Hills State College (SD)
Bluefield State College (WV)
Boise State University (ID)
Bowling Green State University (OH)
California State College, Bakersfield (CA)
California State University, Dominguez Hills (CA)
California State University, Hayward (CA)
California State University, Long Beach (CA)
California State University, Los Angeles (CA)
California University of Pennsylvania (PA)
Castleton State College (VT)
Central Connecticut State University (CT)
Central Missouri State University (MO)
Central State University (OK)
Central Washington University (WA)
Chadron State College (NE)
Citadel, (The) Military College of South Carolina (SC)
Clarion University of Pennsylvania (PA)
Cleveland State University (OH)
Clinch Valley College of the University of Virginia (VA)
College of Charleston (SC)
College of Staten Island, The (NY)
College of the Virgin Islands at St. Thomas (VI)
Columbus College (GA)
Corpus Christi State University (TX)
Dakota State College (SD)
Delta State University (MS)
East Central University (OK)
East Tennessee State University (TN)
East Texas State University (TX)
Eastern Connecticut State University (CT)
Eastern Illinois University (IL)
Eastern Kentucky University (KY)
Eastern Montana College (MT)
Eastern New Mexico University (NM)
Edinboro University of Pennsylvania (PA)
Fitchburg State College (MA)
Florida International University (FL)
Fort Hays State University (KS)
Francis Marion College (SC)
Frostburg State College (MD)
George Mason University (VA)
Georgia College (GA)
Georgia Southern College (GA)
Georgia Southwestern College (GA)
Grambling State University (LA)
Grand Valley State College (MI)
Harris-Stowe State College (MO)
Henderson State University (AR)
Idaho State University (ID)
Illinois State University (IL)
Indiana State University (IN)
Indiana University East (IN)
Indiana University of Pennsylvania (PA)
Jacksonville State University (AL)
James Madison University (VA)
John Jay College of Criminal Justice (NY)
Kearney State College (NE)
Keene State College (NH)
Kennesaw College (GA)
Kutztown University (PA)
Lake Superior State College (MI)
Lander College (SC)
Lewis Clark State College (ID)
Livingston University (AL)
Lock Haven University (PA)
Longwood College (VA)
Louisiana State University in Shreveport (LA)
Louisiana Tech University (LA)
Lyndon State College (VT)
Mansfield University (PA)
Marshall University (WV)
Mary Washington College (VA)
Mayville State College (ND)
McNeese State University (LA)
Mesa College (CO)
Metropolitan State College (CO)
Metropolitan State University (MN)
Middle Tennessee State University (TN)
Midwestern State University (TX)
Millersville University (PA)

Participating Institutions, continued:

Minot State College (ND)
Mississippi University for Women (MS)
Missouri Southern State College (MO)
Missouri Western State College (MO)
Montana College of Mineral Science & Technology (MT)
Montclair State College (NJ)
Moorhead State University (MN)
Morehead State University (KY)
Morgan State University (MD)
North Carolina Agricultural & Technical State University (NC)
North Texas State University (TX)
Northeast Louisiana University (LA)
Northeastern Illinois University (IL)
Northern Arizona University (AZ)
Northern Illinois University (IL)
Northern Michigan Unversity (MI)
Northern Montana College (MT)
Northern State College (SD)
Northwest Missouri State University (MO)
Northwestern State University (LA)
Oakland University (MI)
Old Dominion University (VA)
Oregon Institute of Technology (OR)
Peru State College (NE)
Pittsburg State University (KS)
Plymouth State College (NH)
Portland State University (OR)
Purdue University at Calumet (IN)
Radford University (VA)
Rhode Island College (RI)
Salem State College (MA)
Salisbury State College (MD)
Sangamon State University (IL)
Shepherd College (WV)
Shippensburg University (PA)
Sonoma State University (CA)
South Dakota School of Mines & Technology (SD)
Southeast Missouri State University (MO)
Southern Arkansas University (AR)
Southern Connecticut State University (CT)
Southern Illinois University at Edwardsville (IL)
Southern Oregon State College (OR)
Southwest Missouri State University (MO)
Southwest Texas State University (TX)
St. Cloud University (MN)
State University of New York College at Brockport (NY)
State University of New York College at Buffalo (NY)
State University of New York College at Cortland (NY)
State University of New York College at Geneseo (NY)
State University of New York College at Old Westbury (NY)
State University of New York College at Plattsburgh (NY)
State University of New York College of Technology at Utica/Rome (NY)
Stephen F. Austin State University (TX)
Sul Ross State University (TX)
Tennessee Technological University (TN)
Texas A&I University (TX)
Texas A&M University at Galveston (TX)
Towson State University (MD)
Trenton State College (NJ)
Troy State University (AL)
University of Akron, The (OH)
University of Alaska at Juneau (AK)
University of Arkansas at Little Rock (AR)
University of Arkansas at Monticello (AR)
University of Central Florida (FL)
University of Colorado at Colorado Springs (CO)
University of Colorado at Denver (CO)
University of Houston--Clear Lake (TX)
University of Houston--Downtown (TX)
University of Lowell (MA)
University of Maine at Presque Isle (ME)
University of Maryland Baltimore County (MD)
University of Missouri--St. Louis (MO)
University of Montevallo (AL)
University of Nebraska at Omaha (NE)
University of Nevada, Las Vegas (NV)
University of North Carolina at Asheville (NC)
University of North Carolina at Charlotte (NC)
University of North Carolina at Greensboro (NC)
University of North Carolina at Wilmington (NC)
University of Northern Colorado (CO)
University of Northern Iowa (IA)
University of Science and Arts of Oklahoma (OK)
University of South Alabama, The (AL)
University of South Carolina - Aiken (SC)
University of South Carolina at Spartanburg (SC)
University of Southern Colorado (CO)
University of Southern Indiana (IN)
University of Southern Maine (ME)
University of Southern Mississippi (MS)
University of Tennessee at Chattanooga (TN)
University of Tennessee at Martin, The (TN)
University of Texas at Dallas, The (TX)

Participating Institutions, continued:

University of Texas at San Antonio (TX)
University of Texas of the Permian Basin (TX)
University of the District of Columbia (DC)
University of West Florida (FL)
University of Wisconsin--Eau Claire (WI)
University of Wisconsin--Green Bay (WI)
University of Wisconsin--Platteville (WI)
University of Wisconsin--Stevens Point (WI)
University of Wisconsin--Stout (WI)
University of Wisconsin--Superior (WI)
University of Wisconsin--Whitewater (WI)
University of Wisconsin Oshkosh (WI)
Valdosta State College (GA)
Weber State College (UT)
West Georgia College (GA)
West Liberty State College (WV)
West Texas State University (TX)
West Virginia College of Graduate Studies (WV)
West Virginia Institute of Technology (WV)
West Virginia State College (WV)
Western Carolina University (NC)
Western Connecticut State University (CT)
Western Illinois University (IL)
Western Kentucky University (KY)
Western Michigan University (MI)
Western New Mexico University (NM)
Western Oregon State College (OR)
Western State College of Colorado (CO)
Western Washington Unviersity (WA)
Wichita State University, The (KS)
Winona State University (MN)
Youngstown State University (OH)

Total: 216

APPENDIX C

CUPA Private Faculty Salary-Trend Studies: 1984-85 and 1987-88

Institutions Participating in Both Studies:

Abilene Christian University (TX)
Agnes Scott College (GA)
Albertus Magnus College (CT)
Allentown College of St. Francis de Sales (PA)
Alma College (MI)
Alverno College (WI)
American College, The (PA)
American Graduate School of International Management (AZ)
American Technological University (TX)
American University, The (DC)
Amherst College (MA)
Andover Newton Theological School (MA)
Anna Maria College (MA)
Aquinas College (MI)
Arkansas College (AR)
Asbury College (KY)
Augustana College (IL)
Aurora University (IL)
Austin College (TX)
Averett College (VA)
Avila College (MO)
Azusa Pacific University (CA)
Babson College (MA)
Bard College (NY)
Barry University (FL)
Beaver College (PA)
Benedictine College (KS)
Bennett College (NC)
Bentley College (MA)
Biola University (CA)
Birmingham-Southern College (AL)
Boston College (MA)
Bradley University (IL)
Briar Cliff College (IA)
Bridgewater College (VA)
Brigham Young University (UT)
Bryant College (RI)
Bryn Mawr College (PA)
Bucknell University (PA)
Butler University (IN)
Campbellsville College (KY)
Canisius College (NY)
Capitol Institute of Technology (MD)
Carnegie-Mellon University (PA)
Carroll College (MT)
Carroll College (WI)
Catholic University of America, The (DC)
Catholic University of Puerto Rico (PR)
Cedar Crest College (PA)
Cedarville College (OH)
Central College (IA)
Chaminade University of Honolulu (HI)
Christian Brothers College (TN)
Claremont Graduate School (CA)
Clark University (MA)
Clarke College (IA)
Clarkson University (NY)
Cogswell Polytechnical College (CA)
Coker College (SC)
Colgate University (NY)
College of Great Falls (MT)
College of Mount Saint Vincent (NY)
College of Mount St. Joseph (OH)
College of Saint Benedict (MN)
College of Saint Elizabeth (NJ)
College of Saint Rose, The (NY)
College of St. Joseph (VT)
College of St. Scholastica (MN)
College of the Holy Cross (MA)
College of Wooster, The (OH)
Columbia Bible College (SC)
Columbia College (MO)
Concordia College (MI)
Concordia College (MN)
Concordia College (NY)
Concordia College (OR)
Concordia College Wisconsin (WI)
Converse College (SC)
Cooper Union for the Advancement of Science and Art, The (NY)
Cornell College (IA)
Cornell University (NY)
Creighton University (NE)
Curry College (MA)
D'Youville College (NY)
Davis & Elkins College (WV)
Defiance College, The (OH)
DePaul University (IL)
Dickinson College (PA)
Dordt College, Inc. (IA)
Drake University (IA)
Drew University (NJ)

Participating Institutions, continued:

Duquesne University (PA)
Eastern Mennonite College and Seminary (VA)
Eckerd College (FL)
Elmhurst College (IL)
Elmira College (NY)
Elms College (MA)
Embry-Riddle Aeronautical University (FL)
Emerson College (MA)
Emory & Henry College (VA)
Fairfield University (CT)
Fontbonne College (MO)
Fordham University (NY)
Fort Wayne Bible College (IN)
George Washington University, The (DC)
Georgetown University (DC)
Georgian Court College (NJ)
GMI Engineering & Management Institute (MI)
Gonzaga University (WA)
Gordon College (MA)
Goshen College (IN)
Grand View College (IA)
Guilford College (NC)
Hartwick College (NY)
Heidelberg College (OH)
High Point College (NC)
Hope College (MI)
Husson College (ME)
Illinois Benedictine College (IL)
Illinois College (IL)
Illinois Institute of Technology (IL)
Immaculata College (PA)
Inter American University of Puerto Rico
--at San German (PR)
Iona College (NY)
Ithaca College (NY)
John Carroll University (OH)
Judson College (IL)
Kalamazoo College (MI)
Kenyon College (OH)
King's College (PA)
La Roche College (PA)
Lancaster Bible College (PA)
Le Moyne College (NY)
Le Tourneau College (TX)
Lebanon Valley College (PA)
Lewis & Clark College (OR)
Linfield College (OR)
Long Island University (NY)
Loras College (IA)
Loyola College in Maryland (MD)
Luther College (IA)
Lycoming College (PA)
Lynchburg College (VA)
Manhattanville College (NY)
Marion College (IN)
Mary Baldwin College (VA)
Marymount College (NY)
Maryville College (TN)
Maryville College--St. Louis (MO)
Marywood College (PA)
Massachusetts Institute of Technology (MA)
McPherson College (KS)
Mercy College of Detroit (MI)
Mercyhurst College (PA)
Merrimack College (MA)
Milwaukee School of Engineering (WI)
Moravian College (PA)
Mount Mary College (WI)
Mount Mercy College (IA)
Mount Saint Clare College (IA)
Mount Saint Mary's College (MD)
Mount Senario College (WI)
Nazareth College (MI)
Neumann College (PA)
North Central College (IL)
North Park College (IL)
Northeastern University (MA)
Northrop University (CA)
Northwestern College (IA)
Notre Dame College (OH)
Oakwood College (AL)
Oklahoma Baptist University (OK)
Otterbein College (OH)
Pepperdine University (CA)
Phillips University (OK)
Pikeville College (KY)
Point Loma Nazarene College (CA)
Polytechnic University (NY)
Principia College (IL)
Quinnipiac College (CT)
Randolph-Macon Woman's College (VA)
Reed College (OR)
Reformed Bible College (MI)
Rensselaer Polytechnic Institute (NY)
Rider College (NJ)
Rio Grande College/Community College (OH)
Rockford College (IL)
Rockhurst College (MO)
Rose-Hulman Institute of Technology (IN)
Saint Edward's University (TX)
Saint Joseph College (CT)
Saint Mary College (KS)

Participating Institutions, continued:

Saint Michael's College (VT)
Saint Peter's College (NJ)
Saint Vincent College (PA)
Salem College (NC)
School of the Ozarks, The (MO)
Seattle Pacific University (WA)
Seattle University (WA)
Seton Hill College (PA)
Siena College (NY)
Siena Heights College (MI)
Simpson College (IA)
Skidmore College (NY)
Southern California College (CA)
Southern Methodist University (TX)
Southwestern Assemblies of God College (TX)
Southwestern College (KS)
Spalding University (NY)
Springfield College (MA)
St. Francis College (NY)
St. Mary's University (TX)
St. Norbert College (WI)
Stevens Institute of Technology (NJ)
Suffolk University (MA)
Susquehanna University (PA)
Syracuse University (NY)
Tabor College (KS)
Taylor University (IN)
Texas Christian University (TX)
Thomas College (ME)
Transylvania University (KY)
Trinity Christian College (IL)
Trinity College Inc. (VT)
Trinity University (TX)
Tulane University (LA)
University of Dallas, The (TX)
University of Dayton (OH)
University of Detroit (MI)
University of Dubuque, The (IA)
University of Hartford (CT)
University of Judaism (CA)
University of La Verne (CA)
University of Portland (OR)
University of Redlands (CA)
University of Richmond (VA)
University of San Diego (CA)
University of St. Thomas (TX)
University of the South, The (TN)
University of Tampa (FL)
Upsala College (NJ)
Urbana University (OH)
Ursuline College (OH)
Utica College of Syracuse University (NY)
Villa Maria College (PA)
Viterbo College (WI)
Walsh College (OH)
Wartburg College (IA)
Washington and Jefferson College (PA)
Wesleyan University (CT)
Western Maryland College (MD)
Western New England College (MA)
Westmar College (IA)
Westminster College of Salt Lake City (UT)
Wheeling College, Inc. (WV)
Whitman College (WA)
Whittier College (CA)
Widener University (PA)
William Jewell College (MO)
William Marsh Rice University (TX)
William Penn College (IA)
Wilmington College (OH)
Wittenburg University (OH)
Worcester Polytechnic Institute (MA)
Xavier University (OH)
York College of Pennsylvania (PA)

TOTAL: 266